

DEUTSCH, F.

Burde, J. Insertion of the radioactive sample into a beta-ray spectrometer.
p. 245.
CZASOPISK MATEMATICKO-FILOJICKI I ASTRONOMICKI, Zasvet, Vol. , no. 3/4, 1954.

SO: Monthly List of East European Accessions, (EWAL), LC, Vol. 4, no. 10, Oct. 1955,
Encl.

DEUTSCH, Emeric

Torsion of some prismatic bars with asymmetric sections. Studii cerc
mec apl 13 no.6:1615-1621 '62.

RUMANIA/Human and Animal Physiology - Blood Circulation.
The Heart.

T

Abs Jour : Ref Zhur Biol., No 3, 1959, 12725

Author : Cotaescu, I., Gavrilescu, S., Deutsch, G.

Inst : AS RPR

Title : Biochemistry of Stimulation, Inhibition, and Parabiosis.
Experimental Data

Orig Pub : Studii si cercetari stiint. Acad. RPR, Baza Timisocara,
1955, Ser. 2, 2, No 1-4, 45-74

Abstract : The isolated heart of the frog was mechanically depicted,
and the total, mineral, and free P after perfusion were
studied. Destruction of high-energy phosphate bonds
(HEP) in the process of glycolysis developed parallel
with a change in the force of the heart contractions.
Ringer's solution weakly inhibited the Pasteur effect;

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- 52 -

DEUTSCH, G., Dr.; HASENFRATZ, I., dr.

Effect of phenobarbital-induced sleep on the development of allergic reaction (anaphylaxis) of the organs (heart) of the frog. Rev. igiena microb. epidem., Bucur. Vol. 4:23-30 Oct-Dec 55.

1. Lucrare efectuata in Laboratorul de fisiopatologie al Institutului de medicina Timisoara.
(ALLERGY, experimental
anaphylactic reaction of heart of frog, eff. of barbiturate-induced sleep on develop.
- (SLEEP, eff.
barbiturate-induced, on develop. of anaphylactic reaction in heart of frog.
- (HEART DISEASE, experimental
anaphylactic reaction induced by swine serum, in frog,
eff. of barbiturate-induced sleep on develop.
- (BARBITURATES, eff.
phenobarbital-induced sleep, on develop. of anaphylactic reaction in heart of frog.

RUMANIA / Human and Animal Physiology. Metabolism.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69801

Author : Cotaescu, I.; Deutsch. G.

Inst : Academy RPR

Title : The Action of Ringer's Solution on Tissue Respiration and High-Energy Phosphate Compounds

Orig Pub : Studii si cercetari stiint. Acad. RPR. Baza Timiscara. Ser. stiinte med., 1956, Vol 3, No 1-2, 101-111

Abstract : In a heart preparation of the frog, studies were made of the consumption of O₂ and high-energy phosphate balance under the influence of Ringer's solution. Fatigue of the heart perfused with Ringer's solution was accompanied by disturbances in balance in which consumption of high-energy phosphates exceeded their synthesis. With work of the heart, the rate of O₂ consumption diminished in proportion to the reduction in the rate of mineral metabolism. The

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RUMANIA / Human and Animal Physiology. Metabolism.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69801

authors regard Ringer's solution as a weak stimulant of
the Pasteur poison class. -- V. I. Rozengart

Card 2/2

19

PAUNESCU-PODRANU, A., Prof.; DEUTSCH, G., dr.; MANESCU, N., dr.;
DANCAU, G., dr.

Neurotic dyspneic states. Med. int., Bucur. 8 no.4:545-
549 Aug 56.

(DYSPNEA, etiol. & pathogen.
nerv. tension & neuroses)
(NEUROSES, complications
dyspnea, diag. & ther.)

EXCEPȚIA : INDICA Sec 6 Vol 13/10 Internal Red Oct 50

5674. DETERMINATION OF GLOMERULAR FILTRATION RATE (GFR) BY A SIMPLE METHOD (WITHOUT TAKING URINE SAMPLES) - Despre determinarea filtrării glomerulare cu o metodă simplă (fără recoltare de urină)
Deutsch G., Diaconescu N., Constantin S. and Dreieich-Tinger O. Lab. de Fiziopatol. și Clin. Ped., Inst. de Med., Timișoara-STUD. CERCET. ȘTIINT. SER. ȘTIINT. MED. 1957. 4/1-2 (39-59) Graphs 1
Tables 4

It is known that on the basis of the principle of the exponential decrease of the blood concentration of a substance excreted by the kidney it is possible to determine the volume of the extracellular fluid and the coefficient of renal depuration (e.g., GFR) at the same time. The authors have demonstrated that this result can be arrived at if 2 blood concentrations are known, the 1st one determined at least 60 min. after i.v. administration of a suitable substance, the 2nd one 15-30 min. later. It is demonstrated that it is possible from these 2 values to calculate the volume of the extracellular fluid and subsequently the coefficient of renal depuration algebraically. It has been found that saccharose fulfills the requirements for a substance for measuring GFR because it is not decomposed in the organism, even after repeated i.v. administration, as long as the pH of the blood is normal or does not vary beyond the physiological limits. In acid urine, saccharose is decomposed.

DEUTSCH, G., Dr.

PAUNESCU-PODEANU, A., Prof.; BALTAZANU, Oct., Dr.; DEUTSCH, G., Dr.

Arterial hypertension of infectious origin. Med. int., Bucur. 9 no.8:
1160-1167 Aug 57.

- (HYPERTENSION, etiol. & pathogen.
influenza & streptoc. & other infect.)
(STREPTOCOCCAL INFECTIONS, compl.
hypertension, arterial)
(INFLUENZA, compl.
hypertension, arterial)
(COMMUNICABLE DISEASES, compl.
hypertension caused by infect. dis.)

GAVRILESCU, S., dr.; DEUTSCH, G., dr.; GAVRILESCU, M., dr.

Research on the electrolytic composition of tissues in hypertensive rats. (The effect of saline and neurogenic hypertension). Med. intern. 15 no.8:1003-1008 Ag '63.

1. Lucrare efectuata in Clinica I medicala I.M.F. Timisoara
(director: prof. H. Aubert).
(HYPERTENSION) (ELECTROLYTES) (METABOLISM)
(AORTA) (MYOCARDIUM) (MUSCLES) (KIDNEY)

GAVRILESCU, S., dr.; DEUTSCH, G., dr.; STREIAN, C., dr.; STEIN, I., chim.

Considerations on the renal elimination of water and sodium
in the initial phases of hypertensive diseases. Med. intern.
15 no.9:1109-1113 S '63.

1. Lucrare efectuata in Clinica I medicala I.M. Timisoara
(director: prof. H. Aubert).
(HYPERTENSION) (WATER) (SODIUM)
(METABOLISM)

GAVRILESCU,S., dr.; STREIANU, C., dr.; STANCIU,L., dr.; DEUTSCH,G., dr.;
CRISTODORESCU, R., dr.

Dye dilution curve, a method of hemodynamic exploration. I.
Med. intern. 16 no.3:339-347 Mr'64

Dye dilution curve, a method of hemodynamic exploration. II.
Ibid: 349-354

1. Lucrare efectuata in Clinica I medicala, I.M.Timisoara
(director: prof. H. Aubert).

*

DRAGOMIR,N.; LEUCA,V.; DEUTSCH,G.; ROCSIN,M.; DREICHLINGER, O.; GEORGESCU,
Virginia; HOFFMANN, G.

The effect of largactil, phenergan, dolantin, and the lytic
cocktail on the distribution of the cardiac output. Fiziol.
norm. pat. 6:541-547 '64

1. Laboratorul de farmacologie al Institutul medico-farmaceutic,
Timisoara, si Laboratorul de energetica celulara a bazei al
Academiei Republicii Populare Romane, Timisoara.

DEUTSCH, G.; DREICHLINGER, O.

Hemodynamic changes during gestation; observations on the rat.
Rev Roum embryol 1 no.2:139-146 '64.

1. Center of Normal and Pathological Embryology, Timisoara.

DEUTSCH, G.; DREISCHLINGER, O.

Renal circulatory reactions in acute experimental ureteral occlusion. . Fiziol. norm. pat. 10 no.5:417-424 S-0'64.

1. Laboratorul de energetica celulara, Sectia de embriologie experimental si energetica celulara a Bazei de cercetari stiintifice din Timiscaara a Academiei Republicii Populare Romine.

DRAGOMIR, N.; DEUTSCH, G.; LEUCA, V.; DREICHLINGER, O.; ROCSIN, M.;
GEORGESCU, Virginia; HOFFMANN, G.

The extratenal circulatory effects of some diuretics and
saluretics. Fiziol. norm. pat. 11 no.1:71-76 Ja-F '65.

1. Laboratorul de farmacologie, Institutul de medicina,
Timisoara, Laboratorul de energetica celulara, Baza de
cercetari stiintifice din Timisoara a Acad. R.P.R.

L 30737-66 SWI(W) IIP(e) EM

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AUTHOR: Deutsch, I.; Goia, I.; Neamtu, T.; Gradinaru, A.; Morariu, N.

30

B

ORG: none

TITLE: Studies concerning resistance hypotheses

SOURCE: Constructia de masini, no. 10, 1965, 553-558

TOPIC TAGS: stress analysis, mechanical shock resistance

ABSTRACT: The authors present the results of a theoretical and experimental study of the resistance criteria relating to the plane states of unitary stresses. Formulae are given to calculate stress resistance under various conditions. Orig. art. has: 4 figures, 19 formulas and 5 tables. [Based on authors' Eng. abstr.] [JPRS]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

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UDC: 539.4

0913

0022

KUBAT, Arnost, inz.; DEUTSCH, Jiri

Indicator discharge tube Tesla 1OTU26. Slaboproudý obzor 22 no.7:
412-418 '61.

1. TESLA Roznov, n.p., zavod Vrchlabí.
(Vacuum tubes)

DEUTSCH, JIRI

CZECHOSLOVAKIA/Electronics - Electronic Tubes

H-5

Abs Jour : Ref Zhur - Fizika, No 7, 1958, No 16028

Author : Zuzanek Jaroslav, Deutsch Jiri

Inst : Not Given

Title : Miniature Vacuum Tubes of Czechoslovak Manufacture

Orig Pub : Techn. praca, 1956, 8, No 10, 451-453

Abstract : Brief description of the development of miniature vacuum tubes in Czechoslovakia and the use of modern types of such tubes. Tables are given for the values of the basic electric parameters of the universal vacuum tube (12F31, 12H31, 12BC32, 35L31, 35Y31) and special gas-discharge (1NA31, 11TA31, 14TEA31, 21TE31) miniature tubes. The basic types of Czechoslovak miniature tubes are compared with the equivalent foreign tubes (US., USSR, European standards, and Hungarian).

Card : 1/1

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Deutsch, J.

Deutsch, J.; Zuzanek, J.

Deutsch, J.; Zuzanek, J. Data of Tesia miniature tubes (IV--noval). Praxe
p# 35.

Vol. 17, no. 11, Nov. 1956
SLABOPROUDY OBZOR
TECHNOLOGY
Czechoslovakia

So. East European Accessions, Vol. 6, May 1957
No. 5

PHASE I BOOK EXPLOITATION

CZECH/4008

Zuzánek, Jaroslav, Engineer, and Deutsch, Jim

Ceskoslovenské miniaturní elektronky. Číslo 1: Heptalové elektronky.
(Czechoslovak Miniature Electron Tubes. Nr. 1: Heptode Electron Tubes)
Státní nakladatelství technické literatury, Praha, SNTL, 1959. 235 p.
7,200 copies printed.

Reviewer: Zdeněk Tuček, Engineer; Resp. Ed.: Rudolf Major; Chief Ed.:
František Kašpar, Engineer.

PURPOSE: This manual is intended for designers, technicians, and repair
workers dealing with electron tubes.

COVERAGE: The book presents a complete picture of Czechoslovak miniature
heptode electron tubes, and describes their characteristics and
applications. Further volumes on other miniature electron tubes are
in preparation. The authors name the following Czechoslovak plants
producing receiving tubes: Holešovice (Greater Praha) and Hloubětín
(Greater Praha), both producing older types of electron tubes of the
A and E series. The Tesla plants in Vrchlabí (since 1950) and later

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Czechoslovak Miniature Electron Tubes (Cont.)

CZECH/4008

in Roznov pod Radhostem were the first to produce miniature tubes. Today more than thirty types of miniature heptodes are produced in Czechoslovakia. The authors thank Engineer Vladimír Kratochvíl, chief designer of the Tesla Vrchlabí plant, Oldřich Luhák of the I.S. Popov Research Institute of Communication Engineering, and Engineer Zdeněk Tuček. There are 33 references: 32 Czech, 14 English, 2 French, 25 German, and 10 Soviet.

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